

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: ) **CONFIRMATION NO.: 7784**  
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**Shinichiro NISHIMURA, et al.** ) **ALLOWED: December 20, 2010**  
                            )  
U.S. Serial No.: 10/594,182 ) Group Art Unit: 1639  
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Filed: July 5, 2007         ) Examiner: Christopher M. Gross

For: POLYMER PARTICLE

**RESPONSE TO THE SECOND NOTICE TO  
FILE CORRECTED APPLICATION PAPERS**

**MAIL STOP: ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A response to the second Notice to File Corrected Application Papers (Notice) dated April 1, 2011 is due by June 1, 2011. Payment of the Issue Fee and Publication Fee for this application, due March 21, 2011, was submitted on March 15, 2011.

The Notice requires correction of Figs. 1-6. See paragraph [0025] of specification as filed. The figures depict analytical results for sugar chain samples (Figures 1-3- mass spectra of “compounds” associated with Examples A4, A5 and A6, respectively) and glycochips (Figures 4-6- measured fluorescence measured with a microarray scanner for Examples B2, B3 and B4, respectively).

In accordance with the Notice, Applicants hereby submit another set of corrected formal drawings (5 sheets, Figures 1-6) to replace the drawings filed on March 28, 2011 in response to the Notice dated January 28, 2011. The character of the lines has been made more distinct, and the letters and numbers are now clearly legible in Figures 1-3. Each of the lines is a molecular weight peak. These spectra are referenced and explained in the specification as filed: Figure 1, paragraph [0083]; Figure 2, paragraph [0084] and Figure 3, paragraph [0085].

Also, Figures 4 and 5 have been made lighter so as to capture the drawing for printing purposes. However, Figure 6 remains entirely dark due to the nature of the showing it provides. Figures 4 (Example B2, paragraph [0095]) and 5 (Example B3, paragraph [0099]) show a “microarray” of nine regions, where the mannotriose concentrations vary. The “light” region reflects measured fluorescence (rhodamine-labeled concanavalin). Figure 6 (Example B4, paragraphs [0103] and [0104]) show an absence of measurable fluorescence- black. There are no oxylamino groups. Examples B2-B4 reveal the presence of oxylamino groups were essential to the immobilization of sugar chains. See paragraph [0104]. Figure 6 is intended to be black.

The undersigned respectfully submit that the replacement drawings for Figures 1-6 now meet the requirements outlined in the Notice.

Respectfully submitted,  
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